

## UTAH DIVISION OF OIL, GAS AND MINING

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE ☒ WATER SANDS \_\_\_\_\_ LOCATION INSPECTED \_\_\_\_\_ SUB. REPORT/ABD. \_\_\_\_\_

DATE FILED 11-1-78

LAND: FEE & PATENTED ☒ STATE LEASE NO. \_\_\_\_\_ PUBLIC LEASE NO. \_\_\_\_\_ INDIAN \_\_\_\_\_

DRILLING APPROVED: 10-31-78

SPUDED IN: \_\_\_\_\_

COMPLETED: \_\_\_\_\_ PUT TO PRODUCING: \_\_\_\_\_

INITIAL PRODUCTION: \_\_\_\_\_

GRAVITY A.P.I. \_\_\_\_\_

GOR: \_\_\_\_\_

PRODUCING ZONES: \_\_\_\_\_

TOTAL DEPTH: \_\_\_\_\_

WELL ELEVATION: \_\_\_\_\_

DATE ABANDONED: 2-21-80 LOCATION ABANDONED WELL NEVER DRILLED

FIELD: Altamont 3/86

UNIT: \_\_\_\_\_

COUNTY: Duchesne

WELL NO. Babcock 2-12B4

API NO: 43-013-30474

LOCATION 580' FT. FROM ~~XX~~ (S) LINE. 804' FT. FROM ~~XX~~ (W) LINE. SW SW 1/4 - 1/4 SEC. 12

TWP.	RGE.	SEC.	OPERATOR
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TWP.	RGE.	SEC.	OPERATOR
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2S

4W

12

SHELL OIL COMPANY

## FILE NOTATIONS

Entered in NID File ..... ✓  
Location Map Pinned ..... ✓  
Card Indexed ..... ✓

Checked by Chief .....  
Approval Letter .....  
Disapproval Letter .....

## COMPLETION DATA:

Date Well Completed .....

Location Inspected ..

..... WW..... TA.....

.....

GW..... OS..... PA.....

State or Fee Land .....

## LOGS FILED

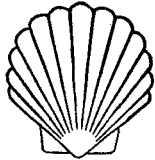
Driller's Log.....

Electric Logs (No.) .....

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... MI-L..... Sonic...

GBLog..... CCLog..... Others.....



# SHELL OIL COMPANY

1700 BROADWAY  
DENVER, COLORADO 80202

October 25, 1978



Subject: Shell et al -  
Babcock 2-12B4  
Altamont Field  
Duchesne County, Utah

State of Utah  
Division of Oil, Gas and Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

Attention Cleon B. Feight, Director

Gentlemen:

Attached is our application for permit to drill subject well as an alternate to the current producer, Well 1-12B4.

A special Shell technical team has been studying the Wasatch reservoir for over two years. One of the principal objectives of the study has been to determine drainage efficiency. This effort has been inconclusive to date. It is possible in certain areas of the field that a 640-acre spacing unit is not being drained efficiently by the existing well. Therefore, we propose drilling Well 2-12B4 in order to determine the extent of drainage and the potential for profitable development of undrained reserves. The proposed well will cost approximately \$2,000,000.

With consideration to the purposes for drilling an alternate well, the test is in the best interest of royalty owners and conservation. In regard to correlative rights, the well is located on a 640-acre pool, and only one well will be produced at a time except while running interference tests.

Data from this test will be available to the Division, and upon conclusion of the test, permission to produce both wells concurrently will be sought in hearing on the basis of the test results.

Yours very truly,

For: K. W. LaGrone  
Division Operations Manager  
Rocky Mountain Operations Office

KWL:ts

Attachments

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

Altamont

8. Farm or Lease Name

Babcock

9. Well No.

2-12B4

10. Field and Pool, or Wildcat

Altamont - Wasatch

11. Sec., T., R., M., or Blk.

SW/4 SW/4 Section 12-  
T2S-R4W USB&M

12. County or Parrish 13. State

Duchesne Utah

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil

Well ☒

Gas

Well ☐

Other

Single

Zone ☐

Multiple

Zone ☐

2. Name of Operator

Shell Oil Company

3. Address of Operator

1700 Broadway, Denver, Colorado 80290

4. Location of Well (Report location clearly and in accordance with any State requirements\*)

At surface

580' FSL &amp; 804' FWL Section 12

At proposed prod. zone

SWSW

14. Distance in miles and direction from nearest town or post office\*

15. Distance from proposed\*

location to nearest  
property or lease line, ft.

(Also to nearest drlg. line, if any)

580'

16. No. of acres in lease

640

17. No. of acres assigned

to this well

640 Pooled

18. Distance from proposed location\*  
to nearest well, drilling, completed,  
or applied for, on this lease, ft.

4200'+

19. Proposed depth

14,000' Was

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

6117' GR

22. Approx. date work will start\*

November 20, 1978

## 23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole

Size of Casing

Weight per Foot

Setting Depth

Quantity of Cement

## Attachments:

1. Survey Plat
2. Drilling, Casing, Logging and Mud Program

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

R. Plauty

Title Div. Opers. Engr.

Date 10/25/78

(This space for Federal or State office use)

Permit No.

43-013-30474

Approval Date

Approved by

Title

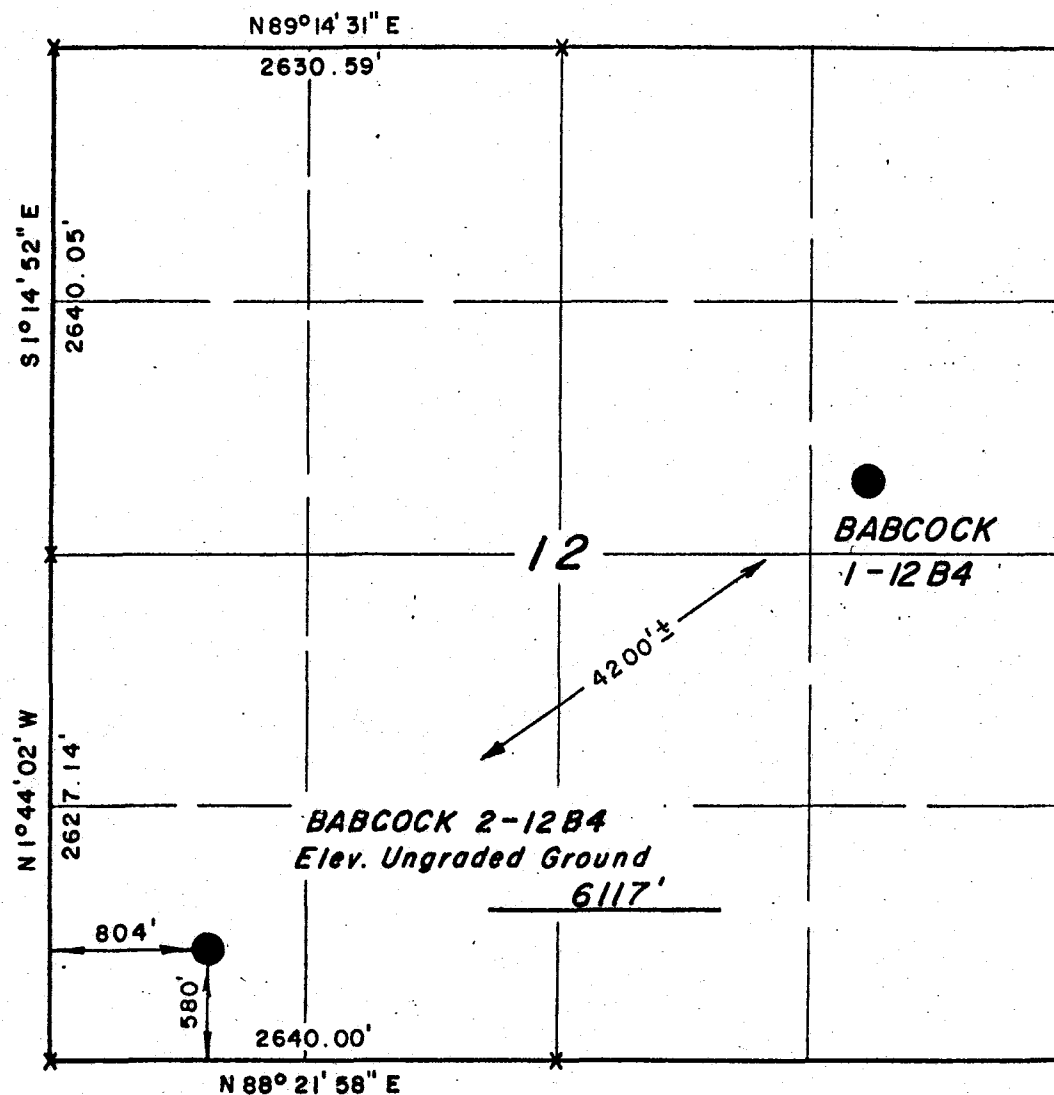
Date

Conditions of approval, if any:

T 2 S, R 4 W, U.S.B. & M.

PROJECT  
SHELL OIL COMPANY

Well location, *Babcock 2-12 B4*,  
located as shown in the SW 1/4 SW 1/4  
Section 12, T 2 S, R 4 W, U.S.B. & M.  
Duchesne County, Utah.



X = Section Corners Located

NOTE: Bearings are assumed but Relative.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*James Stewart*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 3154  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P. O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 9 / 28 / 78
PARTY S.S., G.S., D.S., S.H. BFW	REFERENCES GLO Plat
WEATHER Fair	FILE SHELL

## DRILLING WELL PROGNOSIS

WELL NAME Babcock 2-12 B4  
 TYPE WELL Development  
 FIELD/AREA Altamont

APPROX. LOCATION (SUBJECT TO SURVEY) SW 5W 12, 2S, 4W Duchesne County, Utah

EST. G. L. ELEVATION 6117 PROJECTED TD 14,000' OBJECTIVE Wasatch

HOLE SIZE	CASING PROGRAM	LOGGING PROGRAMS	MAX DEV.	DEPTHS AND FORMATION TOPS	SPECIAL INSTRUCTIONS
17-1/2"	13-3/8"		1° per 1000'	13-3/8" csg 300'	SAMPLES: 30 ft - surface to 9600' 10 ft - 9600' to TD
12-1/4"	9-5/8" to surface			TGR-1 5450' (+1150)	
				9-5/8" csg 7500'	DST'S: None
8-3/4"	7" to surface	DIL/GR/SP FDC/CNL/GR BHC-Sonic/GR/Cal		TGR-3 9625' (-3025)	DEVIATION CONTROL 1° per 1000' with maximum dog-leg severity of 1-1/2° per 100'
				Top Transition 11,000' (-4500)	CEMENT 13-3/8": Cement to surface 9-5/8": Cement to 5000' w/600 ft <sup>3</sup> bullhead squeeze 7": three stage to surface 5": uncemented
				Top Red Beds 11,300	MUD
				7" csg 11,600	0-300': Gel/lime spud mud 300-7500': Clear water (aerated water may be required)
				Base Red Beds 11,900 (-5300)	7500-9600': Clear water 9600-TD: Low lime mud
				Base Transition 12,500 (-5900)	Note: Control weight to maintain a 300 psi minimum overbalance. Refer to "expected pressure distribution" for required mud weights
6-1/8"	5" liner	DIL/GR/SP FDC/CNL/GR BHC-Sonic/GR/Cal		M-5 13,575	

ORIGINATOR: J. F. Works DATE 9-14-77

ATTACH. 1

ENGINEERING APPROVAL:

OPERATIONS APPROVAL:

PETROLEUM:

OPERATIONS:

DIV. DRILLING SUPT.

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING

\*\* FILE NOTATIONS \*\*

Date: Oct. 31.

Operator: Sheer Oil Co

Well No: Bahcock 2-12B4

Location: Sec. 12 T. 2S R. 4W County: Duchesne

File Prepared: ☒

Entered on N.I.D.: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number: 43-013-30474

CHECKED BY:

Administrative Assistant: AW

Remarks: OK - info

Petroleum Engineer: \_\_\_\_\_

Remarks: \_\_\_\_\_

Director: J

Remarks: \_\_\_\_\_

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: ☒

Survey Plat Required: ☒

Order No. \_\_\_\_\_

Surface Casing Change ☒  
to \_\_\_\_\_

Rule C-3(c), Topographic exception/company owns or controls acreage  
within a 660' radius of proposed site ☒

O.K. Rule C-3 ☒

O.K. In \_\_\_\_\_ Unit

Other: \_\_\_\_\_

Board authorization  
2/21/78  
L.W.

☒ Letter Written/Approved

SCOTT M. MATHESON  
Governor



OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

CLEON B. FEIGHT  
*Director*

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771  
November 2, 1978

I. DANIEL STEWART  
*Chairman*

CHARLES R. HENDERSON  
JOHN L. BELL  
THADIS W. BOX  
C. RAY JUVELIN

Shell Oil Company  
1700 Broadway  
Denver, Colorado 80202

Re: Well No. Shell et al  
Babcock 2-12B4  
Sec. 12, T. 2 S, R. 4 W, USM  
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Board of Oil, Gas, and Mining's decision of February 21, 1978.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT, Director  
HOME: 466-4455  
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-013-30474.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT  
Director

cc: U.S. Geological Survey





SCOTT M. MATHESON  
Governor

GORDON E. HARMSTON  
Executive Director,  
NATURAL RESOURCES

CLEON B. FEIGHT  
Director

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON  
Chairman

JOHN L. BELL  
C. RAY JUVELIN  
THADIS W. BOX  
CONSTANCE K. LUNDBERG  
EDWARD T. BECK  
E. STEELE McINTYRE

February 7, 1980

Shell Oil Co.  
1700 Broadway  
Denver, Colo. 80290

RE: SEE ATTACHED SHEET.

Gentlemen:

In reference to above mentioned well(s), considerable time has gone by since approval was obtained from this office.

This office has not recieved any notification of spudding. If you do not intend to drill this well (these wells), please notify this Division. If spudding or any other activity has taken place, please send necessary forms.\* If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill this well, and action will be taken to terminate the application. If you plan on drilling this well at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

DEBBIE BEAUREGARD  
CLERK-TYPIST

Ute #1-3B6

Sec. 3, T. 2S, R. 6W,  
Duchesne County, Utah

Ute #1-16B6

Sec. 16, T. 2S, R. 6W.  
Duchesne County, Utah

Ute #1-17B6

Sec. 17, T. 2S, R. 6W,  
Duchesne County, Utah

Ute #1-27A6

Sec. 27, T. 1S, R. 6W,  
Duchesne County, Utah

Babcock #2-12B4

Sec. 12, T. 2S, R. 4W,  
Duchesne County, Utah

Shell Oil Company



P.O. Box 831  
Houston, Texas 77001

February 21, 1980

RECEIVED

FEB 25 1980

DIVISION OF  
OIL, GAS & MINING

Department of Natural Resources  
Division of Oil, Gas and Mining  
ATTN Debbie Beauregard  
1588 West North Temple  
Salt Lake City, Utah 84116

Gentlemen:

WELL STATUS REPORTS

The current status of each well listed in the attachment to your letter of February 7, 1980 is as follows:

Ute #1-3B6 - Sec. 3, T2S, R6W

This well was drilled and cased. It is being tested to determine if the well can be produced commercially.

Ute #1-16B6 - Sec. 16, T2S, R6W

This is a location. Drilling has been deferred to the second half, 1980. We request the application to drill not be terminated.

Ute #1-17B6 - Sec. 17, T2S, R6W

This well was drilled and cased. It is being tested to determine if the well can be produced commercially. Please refer to our letter to Mr. Feight dated February 6, 1980.

Ute #1-27A6 - Sec. 27, T1S, R6W

Application may be terminated. We will reapply when drilling plans are firm.

Babcock #2-12B4 - Sec. 12, T2S, R4W

Application may be terminated. We will reapply when drilling plans are firm.